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ABSTRACT

While a ring gear shaft 126 linked with a drive shaft rotates, a power output apparatus 110 applies a torque to a first motor MG1 attached to a sun gear shaft 125, thereby abruptly increasing a revolving speed of an engine 150, to which a fuel injection is stopped. A torque generated by a frictional force of, for example, a piston in the engine 150 and working as a reaction is applied as a braking torque to the ring gear shaft 126 via a planetary gear 120. The magnitude of the braking torque depends upon the frictional force of, for example, the piston and can be controlled by regulating the revolving speed of the engine 150 by means of the first motor MG1. This control procedure enables the energy consumed by the engine 150 to be output as a braking force to the drive shaft.